

★ LELI = S02 92-371668/45 ★ SU 1672216-A1  
 Measurement device for area of flat opaque shapes e.g. of leather or  
 fur - uses line of radiators and radiation receivers mounted with  
 constant pitch between them above base  
 LENGD LIGHT IND CONSTR TECHN BUR 89.01.02  
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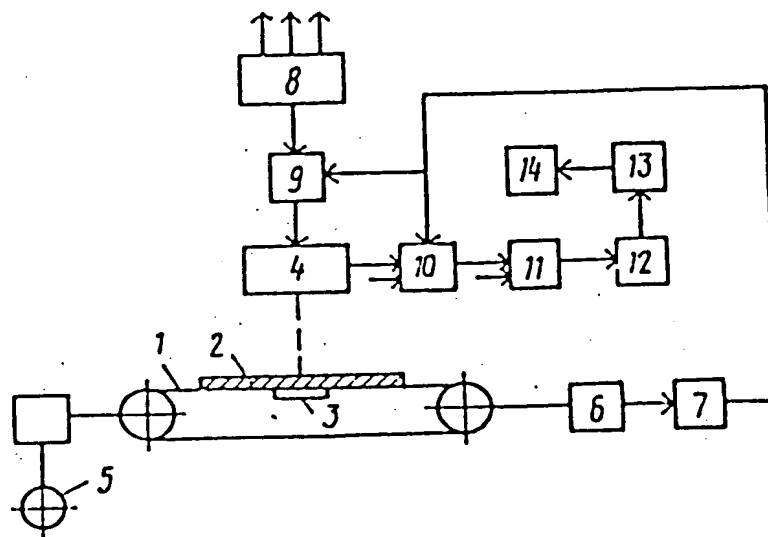
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The measurement device includes a transporter positioned on a base (3), the surface of which is formed as a mirror. Above the base is a line of radiators and radiation receivers which are mounted in sequence with a constant pitch between them. A comparison unit (11) in the form of an analog comparator has its inverting input connected to the output of a commutator switch (10), and its non-inverting input - to a reference voltage source, and its output - to the input of a pulse area counting unit (12).

To eliminate dependency of measurements on spurious triggering, the reference voltage (Uon) is made equal to voltage reflected from the mirror plane so that the input voltage UBX is always less than or equal to the reference.

USE/ADVANTAGE - Measurement engineering, e.g. in the leather and footwear industry. Increased accuracy in measuring areas of opaque plane figures by eliminating errors from false triggering. Bul. 31/23.8.91 (4pp Dwg.No.2/3)

S02-A08E



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